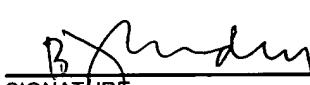


FORM PTO-1390 (REV 11-98)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 1721-21
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 09/530363 X Seq. Unassigned	
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE		PRIORITY DATE CLAIMED
PCT/FR98/02320	29 October 1998		30 October 1997
TITLE OF INVENTION METHOD FOR DIAGNOSING IN VITRO PATHOLOGIES ASSOCIATED WITH GENE ARRANGEMENTS AND DIAGNOSIS KITS			
APPLICANT(S) FOR DO/EO/US GABERT			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11. To 16. Below concern document(s) or information included:			
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information. PTO-1449 and International Search Report, Letter with paper and computer readable copies of Sequence Listing</p>			

U.S. APPLICATION NO. (Unknown, See 37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
09/530363 Unassigned	PCT/FR98/02320	1721-21		
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): <ul style="list-style-type: none"> -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$970.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$840.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2) paid to USPTO.....\$690.00 -- International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$670.00 -- International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$96.00 				
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 840.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).		\$ 130.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	15	-20 = 0	X \$18.00	\$ 0.00
Independent Claims	1	-3 = 0	X \$78.00	\$ 0.00
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)		\$260.00		\$ 0.00
		TOTAL OF ABOVE CALCULATIONS =		\$ 970.00
Reduction by ½ for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 C.F.R. 1.9, 1.27, 1.28).				0.00
		SUBTOTAL =		\$ 970.00
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).		+		0.00
		TOTAL NATIONAL FEE =		\$ 970.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property		+		\$ 0.00
Fee for Petition to Revive Unintentionally Abandoned Application (\$1210.00 - Small Entity = \$605.00)				\$ 0.00
		TOTAL FEES ENCLOSED =		\$ 970.00
		Amount to be: refunded		\$
		Charged		\$
a. <input checked="" type="checkbox"/> A check in the amount of \$970.00 to cover the above fees is enclosed.				
b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed.				
d. <input type="checkbox"/> The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.				
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:				
 SIGNATURE				
NIXON & VANDERHYE P.C. 1100 North Glebe Road, 8 th Floor Arlington, Virginia 22201 Telephone: (703) 816-4000				
B.J. Sadoff NAME				
36,663 April 28, 2000 REGISTRATION NUMBER Date				

09/530363
527 Rec'd PCT/PTO 28 APR 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

GABERT

U.S. National Phase of PCT/FR98/02320

Serial No. Unassigned

Filed: April 28, 2000

For: METHOD FOR DIAGNOSING IN VITRO
PATHOLOGIES ASSOCIATED WITH GENE
ARRANGEMENTS AND DIAGNOSIS KITS

* * * * *

April 28, 2000

Assistant Commissioner for Patents
Washington, DC 20231

LETTER

Sir:

The attached paper and computer readable copies of the Sequence Listing are the same.

No new matter has been added.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____



B.J. Sadoff

Reg. No. 36,663

1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

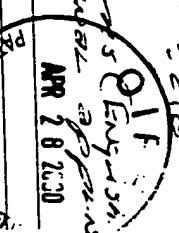
Transmittal Number: PTT FR 98102320 Atty: DTS
Serial No.: PTT FR 98102320 Date: 4-22-00
Applicant: Gabber Client: 1221
Title: Method for Diagnosing
Virus Pathogenies etc. Ref: 21

✓ Amendment 1 (1 page) 1 (1 page) 1 (1 page)
3 2 Pages Specification 1 (1 page) 1 (1 page) 1 (1 page)
1 5 Claims 1 (1 page) 1 (1 page) 1 (1 page)
1 Sheets Drawings: Formal 1 (1 page) 1 (1 page) 1 (1 page)
Informal 1 (1 page) 1 (1 page) 1 (1 page)

✓ Declaration (1 Pages) 1 (1 page) 1 (1 page)
Assignment (1 page) 1 (1 page) 1 (1 page)
Priority Document 1 (1 page) 1 (1 page) 1 (1 page)
Base Issue Fee Transmittal (1 page) 1 (1 page) 1 (1 page)
Fee (Check) 1 (1 page) 1 (1 page) 1 (1 page)

Other: Letter with paper and computer
reDabie Software License (2 pages)

PTD - 1449 + ISR



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